



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

JAN 27 2005

**Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850**

Mr. William J. Griffin
Regulatory and Clinical Affairs Manager
Ortho Development Corporation
12187 South Business Park Drive
Draper, Utah 84020

Re: K042973

Trade/Device Name: Solitude™ Unipolar Head

Regulation Number: 21 CFR 888.3360

Regulation Name: Hip joint femoral (hemi-hip) metallic cemented or uncemented prosthesis

Regulatory Class: II

Product Code: KWL

Dated: January 6, 2005

Received: January 7, 2005

Dear Mr. Griffin:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

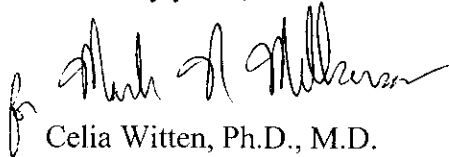
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

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This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at 240-276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Celia Witten", is written over the typed name.

Celia Witten, Ph.D., M.D.

Director

Division of General, Restorative
and Neurological Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

Indications for Use of Device Form

510(k) Number (if known): K042973

Device Name: Solitude™ Unipolar Head

Indications for Use

The Solitude™ Unipolar femoral head is intended for hemi-arthroplasty in cemented and uncemented primary or revision femoral stem applications whose indications include:

1. Notably impaired hip joint due to osteoarthritis, rheumatoid arthritis or post traumatic arthritis.
2. Proximal femoral neck fractures or dislocation.
3. Idiopathic avascular necrosis of the femoral head.
4. Non-union of proximal femoral neck fractures.
5. Treatment of fractures that are unmanageable using other forms of therapy.

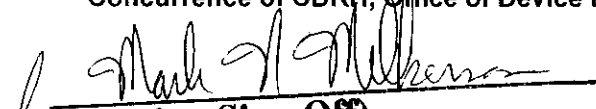
Prescription Use _____
Use _____
(Part 21 CFR 801 Subpart D)

AND/OR

Over-The-Counter
(Part 21 CFR 801 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)


(Division Sign-Off)
Division of General, Restorative,
and Neurological Devices

510(k) Number K042973